

## SANTEE RIVER BASIN

02157470 MIDDLE TYGER RIVER NEAR GRAMLING, SC

LOCATION--Lat 35°02'20", long 82°13'07", Spartanburg County, Hydrologic Unit 03050107, on downstream side of County Road 75 bridge, approximately 5.5 mi southwest of Gramling, and 1.5 mi upstream of Lyman Lake.

DRAINAGE AREA.--34.7 mi<sup>2</sup>.

PERIOD OF RECORD.--February 2002 to current year.

GAGE.--Data collection platform. Elevation of gage is 860 ft above NGVD of 1929 (from topographic map).

REMARKS.--Records good, except for estimated daily discharges, which are poor.

Discharge, cubic feet per second												
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004												
DAILY MEAN VALUES												
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	41	43	45	45	40	51	51	42	29	62	33	30
2	40	43	42	45	40	53	45	51	28	55	30	36
3	40	43	41	45	88	53	43	47	26	67	49	27
4	41	43	48	45	62	51	41	39	28	77	31	25
5	40	46	58	49	55	49	40	37	28	56	28	23
6	39	59	50	49	520	49	40	36	26	44	27	22
7	40	51	46	44	279	48	40	35	26	38	e25	288
8	42	48	44	44	129	47	40	34	31	34	e24	1240
9	45	45	43	44	99	46	40	33	46	33	e23	217
10	47	43	97	42	84	46	40	34	31	30	e23	115
11	54	43	113	42	75	46	39	32	29	38	e23	84
12	48	43	76	42	81	46	46	31	33	60	e55	67
13	44	43	67	42	75	46	75	31	70	40	44	58
14	45	43	142	41	69	45	60	31	65	33	31	54
15	47	44	100	41	68	45	49	31	161	30	28	50
16	43	45	79	39	67	47	45	32	105	28	e27	49
17	43	45	80	39	62	46	42	35	59	30	e26	440
18	43	46	70	45	59	45	41	34	56	43	e30	169
19	43	213	65	42	58	44	40	33	58	32	e27	98
20	42	129	61	39	57	43	39	31	42	29	e27	74
21	42	78	57	39	58	45	38	31	38	27	e28	63
22	42	63	56	39	55	43	37	30	41	26	33	56
23	41	55	55	39	54	43	37	29	37	25	e28	50
24	41	55	55	39	53	43	37	29	50	24	e27	47
25	41	52	52	42	52	42	36	28	166	24	e27	45
26	43	48	50	44	53	42	38	28	159	24	e26	43
27	63	45	49	42	56	42	40	28	77	35	e25	154
28	51	53	48	41	55	42	37	27	59	77	e24	1130
29	47	52	48	41	52	41	35	26	51	42	e24	161
30	44	47	49	42	---	44	35	26	47	43	e22	104
31	43	---	47	42	---	61	---	33	---	53	22	---
TOTAL	1365	1706	1933	1314	2555	1434	1266	1024	1702	1259	897	5019
MEAN	44.0	56.9	62.4	42.4	88.1	46.3	42.2	33.0	56.7	40.6	28.9	167
MAX	63	213	142	49	520	61	75	51	166	77	55	1240
MIN	39	43	41	39	40	41	35	26	26	24	22	22
CFSM	1.27	1.64	1.80	1.22	2.54	1.33	1.22	0.95	1.63	1.17	0.83	4.82
IN.	1.46	1.83	2.07	1.41	2.74	1.54	1.36	1.10	1.82	1.35	0.96	5.38

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2002 - 2004, BY WATER YEAR (WY)

## 02157470 MIDDLE TYGER RIVER NEAR GRAMLING, SC--Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR	FOR 2004 WATER YEAR	WATER YEARS 2002 - 2004
ANNUAL TOTAL	28944	21474	
ANNUAL MEAN	79.3	58.7	
HIGHEST ANNUAL MEAN			69.7
LOWEST ANNUAL MEAN			80.8 2003
HIGHEST DAILY MEAN	e 1500	Mar 20	58.7 2004
LOWEST DAILY MEAN	33	Sep 21	
ANNUAL SEVEN-DAY MINIMUM	35	Sep 15	
MAXIMUM PEAK FLOW		1240 Sep 8	
MAXIMUM PEAK STAGE		22 a Aug 30	
ANNUAL RUNOFF (CFSM)	2.29	24 Aug 25	
ANNUAL RUNOFF (INCHES)	31.03	2370 Sep 28	
10 PERCENT EXCEEDS	116	10.43 Sep 28	10.49 Mar 20 2003
50 PERCENT EXCEEDS	57	75	2.01
90 PERCENT EXCEEDS	40	43	27.30
		28	104
			47
			28

a Also occurred Aug. 31, Sep. 6.

e Estimated

